

Amendments to the 2002 Standard Specifications Effective December 2, 2002

Please Note: The following list is a brief overview of each revision and the actual amendment should be read in its entirety to become completely knowledgeable of the revision.

Standard Specification 1-02.6 Preparation of Proposal

The eighth paragraph was deleted as the GSP establishing a minimum bid per hour for traffic control labor has been deleted.

Standard Specification 1-04.4 Changes

In conjunction with the 1-04.6 rewrite, this revision adds a statement that quantities added by change orders are not considered when evaluating overruns or underruns on a contract.

Standard Specification 1-04.6 Increased or Decreased Quantities

This revision sets the basis for comparison to the plan quantity as the “net” increase or decrease, which is the final accepted quantity adjusted by any quantities included in change orders. It also cleaned up language to assure that we’re discussing each item independently. It eliminates the reference in the last sentence to pricing a portion of a decrease that exceeds 25%. That “portion” would be imaginary and could not be priced. Some of the other specifics are as follows:

- It got rid of the meaningless expression “125%” and brought in the change order exclusion.
- It replaced all the definitions and limitations with a formula. Recognizes only redistribution of fixed costs and unavoidable overhead to units not realized below the 75% limit and arbitrarily sets these at 10% of the bid price. The equipment rate limitation only applies to increases and was moved to that section.
- Reaffirms that the first 25% of quantity variation is at the risk of the parties and adds language concerning doing this work not only for the bid price, but also at the bid time for completion.
- Cleans up language and adds change order force accounts to items that will not be eligible for renegotiation due to quantity variations.
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Standard Specification 1-07.1 Laws to be Observed

A minor change that reaffirms that the contractor must comply with tribal laws.

Standard Specification 1-07.16 Protection and Restoration of Property

This section adds a standard specification for the protection and salvage of archaeological and historical objects.

Standard Specification 1-10.2(3) Conformance to Established Standards

This eliminates the requirement that after October 1, 2002 all Category 4 traffic control devices have to be placed behind a crashworthy barrier or a shielded by a Truck-Mounted

attenuator or crash cushion if they do not meet the requirements of NHCPR 350. The FHWA removed the criteria until further notice.

Standard Specification 1-99 APWA Supplement (For Local Agencies Only)

Three sections were revised or added as follows:

- Section 1-01.3 on Page 111 was modified by revising the third paragraph to clarify the types of legal actions that arise prior to the contract being signed.
- A new section was added by modifying Section 1-02.9 of the Standard Specifications. The Standard Specifications require that the proposal be submitted in the envelope provided by the contracting agency. The local agency wants to determine what the Contractor will use to turn in their proposal as most of the time the local agency does not supply an envelope.
- Section 1-10.5 on page 1-130 was deleted as the WSDOT eliminated the specification that required a minimum bid for the “Labor for Traffic Control” item.

Standard Specification 2-03.5 Payment

This section reorganized all the compaction pay statements.

Standard Specification 5-04.3(8)A Acceptance Sampling and Testing

This section modified an AASHTO test method from WAQTC FOP for AASHTO T 30 to WAQTC FOP for AASHTO T 27/11 to comply with the Materials Manual update.

Standard Specification 5-05.3(10) Tie Bars and Dowel Bars

The seventh paragraph was revised to comply with the newly revised Standard Specification 9-26 “Epoxy Systems”.

Standard Specification 5-05.3(22) Repair of Defective Pavement Slabs

The third paragraph was revised to comply with the newly revised Standard Specification 9-26 “Epoxy Systems”.

Standard Specification 6-02.3(17)D Falsework Support Systems: Piling, Temporary Concrete Footings, Timber Mudsills, Manufactured Shoring Towers, Caps and Posts

Number 1 under the sixth paragraph was revised by correcting an AASHTO test specification to AASHTO T 235.

Standard Specification 6-02.3(24)C Placing and Fastening

This section was silent regarding the placement and fastening epoxy-coated reinforcing steel. Therefore, the section, describing placement and fastening, in Standard Specification 6-02.3(24)H was added to this section.

Standard Specification 6-02.3(24)H Epoxy-Coated Steel Reinforcing Bar

This specification was revised by moving the placement and fastening portion of the specification to Section 6-02.3(24)C and retaining a reference to 6-02.3(24)C for placing and fastening.

Standard Specification 6-02.3(25)E Contractors Control Strength

The tenth paragraph was revised to comply with the newly revised Standard Specification 9-26 “Epoxy Systems”.

Standard Specification 6-05.5 Payment

This section was modified to correct a conflict in the payment section by revising the bid item “Precast Concrete Pile Buildup” from “per each” to “force account”.

Standard Specification 6-09.2 Materials

The suppliers for abrasive sand, throughout the state, revised the gradation for the material therefore, the tenth paragraph was revised to reflect this revision to the material.

Standard Specification 6-09.3(1)B Rotary Milling Machines (Amendment Dated 1/7/02)

Recent Construction experience with rotary milling machines shows a tendency of Contractors to use machines much more heavy and powerful than truly necessary to perform deck scarifying work which has resulted in damage to the scarified bridge deck. In order to place a reasonable ceiling on the type of rotary milling machine used for this work, the specification was revised to place a maximum operating weight limit of 50,000 pounds for the rotary milling machines used for this type of work.

Standard Specification 8-01 Erosion Control and Water Pollution Control

The entire section was rewritten based on a statewide review to eliminate numerous Region General Special Provisions and add new methods and products and/or BMP methods currently utilized statewide for erosion control.

Standard Specification 8-02 Roadside Planting

The entire section was rewritten based on a statewide review to eliminate numerous Region General Special Provisions. The major revisions are the combining of the Weed Control work into one activity, if plants are stolen or damaged by the acts of others, the Contracting Agency will pay for the invoice cost only for the replacement plants with no mark-up and the contractor will be responsible for the labor to install the replacement plants.

Standard Specification 8-03 Irrigation System

Minor revisions were made throughout this section to correct various minor issues and keep up with the current irrigation installation methods. Also, the electrical installation portion of this specification was revised to clarify the need for a certified electrician when dealing with other than a 24 volt system as outlined in the current RCWs.

Standard Specification 8-04.3(1)A Extruded Cement Concrete Curb

The third paragraph was revised to comply with the newly revised Standard Specification 9-26 “Epoxy Systems”.

Standard Specification 8-10.2 Materials

The second paragraph was revised to comply with the newly revised Standard Specification 9-26 “Epoxy Systems”.

Standard Specification 8-20 Illumination, Traffic Signal Systems, and Electrical (Existing Amendment issued 8/5/2002)

This section was revised to correct grammatical errors and minor omissions throughout the specification. The minor revisions are as follows:

- 8-20.2(1) This section added requirements for approval of safety plans to include a material staging plan, cable vault location plan, and a boring pit plan.
- 8-20.3(4) This revision requires forming for foundations to be in place for 72 hours prior to removal.
- 8-20.3(5) This section added the following: requirements defining conduit depth and backfilling with CDF, a specification to extend galvanized steel conduit 2 inches entering cable junction boxes for the installation of grounded end bushings, and made the requirement that a signal controller supplier be present a decision of the Engineer.
- 8-20.3(16) This section added a specification when reinstalling salvaged signal and illumination standards.

Standard Specification 8-21.3(9)F Bases

This specification was revised to specify the use of concrete Class 4000P when water is encountered during the excavation of sign structure Type 1 shaft foundations, to be consistent with bridge shaft construction per 6-02.3(6)B.

Standard Specification 8-22.2 Materials

Minor revision to include a reference to Section 9-34.

Standard Specification 8-22.3(3) Marking Application

A Minor revision to correct the headings of the chart titled “Marking Material”.

Standard Specification 9-02.1(4) Asphalt Cements

A specification chart was added now that Performance-Graded Asphalt Binders has become a full AASHTO Standard. Also the AASHTO designation has been revised from MP-1 to M-320.

Standard Specification 9-02.1(8) Hot Melt Traffic Button Adhesive

The specification for the Brookfield Viscosity, 400 F, Test Method ATSM D 2196 has been revised to Rotational Viscosity, 400 F, Test Method AASHTO T 316.

Standard Specification 9-03.1(1) General Requirements

The use of the test method ASTM C 441 testing the Fly Ash for expansion reaction was found to be redundant and therefore deleted from the specification.

Standard Specification 9-03.11 Recycled Portland Cement Concrete Rubble

The section was deleted and moved to 9-03.21 to incorporate all the recycled products under one section.

Standard Specification 9-03.20 Test Methods for Aggregates

The Headquarters Materials Lab deleted the use of Test Method WSDOT FOP for AASHTO T 30 and therefore it was deleted from this specification.

Standard Specification 9-03.21 Recycled Material

This section was reorganized to include all the recycled products including Asphalt Concrete Pavement and Portland Cement Concrete Rubble from Specification 9-03.11.

Standard Specification 9-09.2(3) Inspection

This specification was revised to clarify the acceptance criteria for the grade of timber utilized for Structures and timber utilized for Guardrail Posts, Sign Posts, Mileposts, Sawed Fence posts, and Mailbox Posts to correct an existing conflict between the spec book, Construction Manual and the Qualified Products List.

Standard Specification 9-14 Erosion Control and Roadside Planting

This revision added specifications for various new erosion control items such as compost, wattles, geotextile- encased check dams, and erosion control blankets, and minor items for clarity.

Standard Specification 9-15 Irrigation System

This was revised by making minor grammatical changes throughout the section.

Standard Specification 9-26 Epoxy Systems

This section was totally rewritten to bring it up to current industry standards.

Standard Specification 9-29 Illumination, Signals, Electrical (Amendment issued August 5, 2002)

This amendment was revised to correct grammatical errors and minor omissions throughout the specification. The minor revisions are as follows:

- 9-29.1 This revision added a specification requiring full standard threads around the entire 360 degrees of the pipe for grounding end bushings and another specification for expansion, deflection, and combination deflection/expansion fittings for inner and outer duct when specified in the plans.
- 9-29.2(1) This revision added an optional specification to allow the steel frame, lid support and lid to be painted with black paint containing rust inhibitors.
- 9-29.6(5) This added a specification that requires 100% of all the foundation hardware be hot dipped galvanized.
- 9-29.7 This revision adds a “lug type connection” back into the specs as an acceptable connection for unfused quick-disconnects.
- 9-29.10 This adds a requirement that the luminaries be mounted level both transverse and longitudinally.
- 9-29.13(7) The section of this specification outlining the minimum software requirements was redefined for traffic-actuated controllers.
- 9-29.13(7)A The environmental testing procedure for Type 170 traffic control cabinets was revised.
- 9-29.16(2)C This revision eliminated the option of ABS or polycarbonate plastic materials for the construction of louvered visors.